

Marine Fisheries Issues Checklist

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This is an analysis planning tool. A scoping tool. It is to help identify issues that apply in a North Pacific Ocean, Gulf of Alaska, or Bering Sea fishery management related environmental assessments (EA) or environmental impact statements (EIS). It is not intended to serve as the analysis itself.

<i>Potential Issues</i>	<i>No Impact</i>	<i>Unknown</i>	<i>Significant Impact</i>
Biological Impacts			
Bycatch of PSC - Halibut			
Bycatch of PSC - Crab			
Bycatch of PSC - Salmon			
Bycatch of PSC - Herring			
Incidental Catch - invertebrates			
Incidental Catch - target species			
Biological Diversity			
Trophic guild impacts			
Marine benthic habitat disturbance by fishing gear			
Water quality parameter change - biological oxygen demand - turbidity - toxins			
“may affect determination” Essential Fish Habitat (EFH)			
“may adversely affect” Endangered Species Act (ESA) listed salmon			

<i>Potential Issues</i>	<i>No Impact</i>	<i>Unknown</i>	<i>Significant Impact</i>
“may adversely affect” ESA listed great whales			
“may adversely affect” ESA listed Steller sea lion			
“may adversely affect” short-tailed albatross			
direct effect on northern fur seal			
indirect effect on northern fur seal			
direct effect on harbor seal			
indirect effect on harbor seal			
indirect effect on seabirds			
direct or indirect effect on beluga whale			
direct effect on seabirds			
ability to manage harvest within established quotas			
target species, total biomass			
target species, spawning biomass			
target species, age and size composition			
risk of overfishing target species (nil, some, probable)			
rate of physical loss of fishing gear (trawl, pot, hook-and-line)			
introduction of non-indigenous or exotic species			
disease (introduction, spread)			

<i>Potential Issues</i>	<i>No Impact</i>	<i>Unknown</i>	<i>Significant Impact</i>
cumulative impacts - of the fishery over time - of other fisheries - from other human activities			
Socio-Economic			
Safety, loss of human life			
Enforcement - Under-reporting violation rate			
Enforcement - Fishing in closed area			
Coastal Community (\$\$, jobs)			
Management requirements (FTEs, complexity)			
Waste of target species (high-grading)			
Waste of non-target species			
Ability to harvest TAC			
Fleet Composition			
Management Challenge - complexity - staff level required to maintain - technological requirements			
Fleet Size (change in numbers of vessels)			
Energy consumption (by fleet)			